

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S11 4	5	S112 and S113	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 14:59
S11 3	11301	(fused near2 ring near2 aromatic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:02
S11 2	6300	(optical near3 wave adj guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:03
S11 7	21	S115 and S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:04
S11 6	7635	(optical near3 wave near3 guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:04
S11 5	24442	((fused or condensed) near2 aromatic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:05
S11 9	13	S116 and S118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:06
S11 8	26064	((fused or condensed) near (aromatic or ring)) same (heterocycl\$3 or alicycl\$3 or isocycl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:07
S12 2	960	((fused or condensed) near (aromatic or ring)) same (heterocycl\$3 or alicycl\$3 or isocycl\$3) and chromophore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:09

## EAST Search History

S12 1	116	((fused or condensed) near (aromatic or ring)) same (heterocycl\$3 or alicycl\$3 or isocycl\$3) or chromophore) and (optical adj wave adj guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:16
S12 3	80	(phenanthrene or fluorene or benzanthracene or benzantha\$1ene or triphenylene or \$4phenanthroline or phenanthridine or \$4benz\$1oxazole or benzofuran\$1 or \$4benzofluorene or anthracene) and (optical adj wave adj guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:22
S12 4	76	(phenanthrene or fluorene or benzanthracene or benzantha\$1ene or triphenylene or \$4phenanthroline or phenanthridine or \$4benz\$1oxazole or benzofuran\$1 or \$4benzofluorene or anthracene) and (optical adj wave adj guide) and \$2polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:25
S12 6	5	(phenanthrene) and (optical near wave near guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:35
S12 8	494	(MIYAUCHI near Shinsuke).in. (MURASE near Hiroaki).in. (NISHI near Yasuhiro).in. (OGATA near Kazuyuki).in. (SAKAMOTO adj Hironori).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:41
S12 9	38	((MIYAUCHI near Shinsuke).in. (MURASE near Hiroaki).in. (NISHI near Yasuhiro).in. (OGATA near Kazuyuki).in. (SAKAMOTO adj Hironori).in.) and (fluorene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:42
S12 7	22	(fluorene) and (optical near wave near guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:46
S13 0	0	(benzantha\$1ene) and (optical near wave near guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/25 15:47
S13 1	16	(anthra\$1ene) and (optical near wave near guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 17:13

## EAST Search History

S13 4	8822	(fluorene) and (optical near\$2 wave near\$2 guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 17:14
S13 3	16837	(anthra\$1ene) and (optical near\$2 wave near\$2 guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 17:14
S13 5	22	(fluorene) and (optical adj wave adj guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 17:17
S13 6	801	(fluorene).ab. and (optical near\$2 wave near\$2 guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 17:18
S13 8	6	(fluorene).ti. and (optical near2 wave near2 guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 17:20
S13 7	363	(fluorene).ti. and (optical near\$2 wave near\$2 guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 17:20
S21	302	((phenanthrene fluorene benz\$1anthracene anthracene) same polymer).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 17:36
S14 0	2	"5064264".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 18:01
S14 2	4	(non\$1linear adj optic\$3 adj chromophore) same (phenanthrene fluorene benz\$1anthracene anthracene triphenylene phenanthroline phenanthridine benz\$1oxazole benzofuran\$1 benzofluorene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 18:07

## EAST Search History

S14 5	12	("4338387"   "4877298"   "4938836"   "4999809"   "5064264"   "5153680"   "5361148").PN. OR ("5607799").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/01 18:09
S14 4	38	(\$4linear adj optic\$3 adj (chromophore or material)) same (phenanthrene fluorene benz\$1anthracene anthracene triphenylene phenanthroline phenanthridine benz\$1oxazole benzofuran\$1 benzofluorene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 18:23
S14 6	43	(\$4linear near2 optic\$3 near2 (chromophore or material)) same (phenanthrene fluorene benz\$1anthracene anthracene triphenylene phenanthroline phenanthridine benz\$1oxazole benzofuran\$1 benzofluorene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 18:24
S14 3	344	(\$4linear adj optic\$3 adj (chromophore or material)) and (phenanthrene fluorene benz\$1anthracene anthracene triphenylene phenanthroline phenanthridine benz\$1oxazole benzofuran\$1 benzofluorene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/01 18:28
S13 9	21	(phenanthrene fluorene benz\$1anthracene anthracene triphenylene phenanthroline phenanthridine benz\$1oxazole benzofuran\$1 benzofluorene) and polymer and ((host near guest) or (dop\$3)) and (optic\$3 near2 wave near2 guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 10:19
S14 8	1	((phenanthrene fluorene benz\$1anthracene anthracene triphenylene phenanthroline phenanthridine benz\$1oxazole benzofuran\$1 benzofluorene) same ((chromophore) or (\$4linear near2 optic\$3 near2 organic near2 molecule))) and ((host near guest) or (dop\$3)) and (optic\$3 near2 wave near2 guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 11:43

## EAST Search History

S14 7	845	(phenanthrene fluorene benz\$1anthracene anthracene triphenylene phenanthroline phenanthridine benz\$1oxazole benzofuran\$1 benzofluorene) and ((host near guest) or (dop\$3)) and ((optic\$3 near2 wave near2 guide) or (chromophore) or (non\$1linear near2 optic\$3 near2 organic near2 molecule))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 11:51
S15 0	0	(fluorene same chromophore) and (optic\$2 near2 wave near2 guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 11:52
S15 2	2	(fluorene same chromophore) and (optic\$2 near2 wave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 11:53
S15 1	105	(fluorene same chromophore) and (optic\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 11:53
S15 3	11	((fused or condensed) near (aromatic or ring)) same (heterocycl\$3 or alicycl\$3 or isocycl\$3) and (optical adj wave adj guide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 15:21
S15 4	120	(fluorene same chromophore)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 15:29
S15 8	19	(fluorene with chromophore) and (optic\$5).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 15:31
S15 7	76	(fluorene with chromophore) and (optic\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 15:31
S15 6	89	(fluorene with chromophore)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 15:31

## EAST Search History

S15 5	29	(fluorene near chromophore)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 15:31
S53	4	(polymer with dopant with anthracene).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 15:34
S16 0	33	(polymer with dopant with anthracene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 15:35
S15 9	39	(polymer with dopant with anthracene) or ((guest near2 host) with anthracene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 15:35
S12 5	67	(phenanthrene or fluorene or benzanthracene or benzanthra\$1ene or triphenylene or \$4phenanthroline or phenanthridine or benz\$1oxazole or benzofuran\$1 or \$4benzofluorene or anthracene) and (optical adj wave adj guide) and \$2polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 16:33
S16 1	6	"3427366".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 16:34
S14 1	263	(non\$1linear adj optic\$3 adj chromophore)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/20 09:57
S16 2	654	(non\$1linear adj optic\$3 same chromophore)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/20 09:58
S16 3	29	(non\$1linear adj optic\$3) and ((chromophore) same (phenanthrene or fluorene or benzanthracene or benzanthra\$1ene or triphenylene or \$4phenanthroline or phenanthridine or benz\$1oxazole or benzofuran\$1 or \$4benzofluorene or anthracene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/20 10:01

## EAST Search History

S16 4	29	(non\$1linear adj optic\$3) and (((chromophore) or (polynuclear near hydrocarbon)) same (phenanthrene or fluorene or benzanthracene or benzantha\$1ene or triphenylene or \$4phenanthroline or phenanthridine or benz\$1oxazole or benzofuran\$1 or \$4benzofluorene or anthracene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/20 10:03
S16 5	39	(non\$1linear adj optic\$3) and (((chromophore) or (polynuclear near (hydrocarbon or aromatic))) same (phenanthrene or fluorene or benzanthracene or benzantha\$1ene or triphenylene or \$4phenanthroline or phenanthridine or benz\$1oxazole or benzofuran\$1 or \$4benzofluorene or anthracene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/20 10:27
S16 6	133	(Drotleff near Elizabeth).in. (McGinniss near Vincent).in. (Risser near Steven).in. (Spahr near Kevin).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/20 10:28
S16 8	2	"20020185633".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/20 11:03
S16 7	21	((Drotleff near Elizabeth).in. (McGinniss near Vincent).in. (Risser near Steven).in. (Spahr near Kevin).in.) and (chromophore)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/20 11:03
S16 9	2	CN-1359032-.did. CN-1175318-.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/20 11:27
S13 2	14	WO-2004090583-.did. "20050602".pn. WO-2003096018-.did. JP-2003185857-.did. CN-1359032\$.did. WO-2002054071-.did. WO-9310266-.did. "5166073".pn. EP-190830-.did. "4752115".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/20 11:27
S17 2	20	(gott).in. and (optical\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/20 11:38

## EAST Search History

S17 1	6	(gott).in. and (harmonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/20 11:38
S17 0	374	(gott).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/20 11:38